# 

#### **Employee Post-Travel Disclosure of Travel Expenses**

Date/Time Stamp:

RECEIVED

SECRETARY OF THE SENATE
PUBLIC RECORDS

Post-Travel Filing Instructions: Complete this form within 30 days of returning from travel. Submit all forms to the Office of Public Records in 232 Hart Building.

2019 MAY 10 PM 2: 15

In compliance with Rule 35.2(a) and (c), I make the following disclosures with respect to travel expenses that have been or will be reimbursed/paid for me. I also certify that I have attached:

The <u>original Employee Pre-Travel Authorization</u> (Form RE-1), <u>AND</u>

A <u>copy</u> of the Private Sponsor Travel Certification Form with all attachments (itinerary, invitee list, etc.)

Clear Path Inc. and the Atlantic Council

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ngs and events at	tended. See Sena	ite Rule 35.2(c)(6). (A	ttach additional pages if
	ses	ngs and events attended. See Sena	ngs and events attended. See Senate Rule 35.2(c)(6). (A

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER:

(Printed name of traveler)

I have made a determination that the expenses set out above in connections with travel described in the *Employee Pre-Travel Authorization* form, are necessary transportation, lodging, and related expenses as defined in Rule 35.

5/10/19 (Date)

(Revised 1/3/11)

(Signature of Supervising Senator/Officer)

Form RE-2

# **\*Atlantic Council CLEARPATH**

Ms. Kate Juelis Energy Counsel Senator John Barrasso Dirksen Senate Office Building, SD-307 Washington, DC 20510-5003

February 15, 2019

Dear Ms. Juelis,

It is our pleasure to invite you to join a congressional staff delegation trip to the United Arab Emirates (UAE) to study advanced energy technologies this April 12-18. Our aim is to strengthen the US-UAE energy relationship and demonstrate how a cohesive national energy strategy and concerted public-private effort can lead to impressive results.

The delegation will include staff from Congressional Leadership, staff from the US Senate Committees on Energy & Natural Resources and Environmental & Public Works, as well as the US House Committees on Energy & Commerce, Ways & Means, and Science & Technology, and personal office staff of members that sit on those relevant committees. You, along with your colleagues, play an instrumental role in driving American energy policy and international engagement and we believe this trip would provide you with an opportunity to learn more about the impressive advancement in energy one of our key allies in the Gulf has made and see some of its technologies and facilities firsthand.

Potential meetings include discussions with Mohamed Al Hammadi, Chief Executive Officer of Emirates Nuclear Energy Corporation; H.E. Suhail Al Mazrouei, Minister of Energy and Industry; H.E. Dr. Thani Ahmed Al Zeyoudi, Minister of Climate Change and Environment; Abu Dhabi National Oil Company executives focused on enhanced oil recovery (EOR), and others. Site visits will include: Sweihan Solar Project, Barakah Nuclear Facility, Masdar City, the Al Reyadah Carbon Capture and Storage (CCS) project, and Dubai Electricity and Water Authority (DEWA).

For further information or any questions you may have, please contact Jeremy Harrell at 535.403.4620 or harrell@clearpath.org. We sincerely hope you will join this trip in April.

Sincerely,

Randolph Bell Director, Global Energy Center Atlantic Council Rich Powell
Executive Director
ClearPath, Inc.

Ray Pord

#### PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should NOT submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee MUST also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

Sponsor(s) of the t	clearPath, Inc. and the Atlantic Council
Description of the	Site visits and briefings on select clean energy projects while meeting with key
	tes government and private sector individuals involved in their 2050 energy strategy.
Dates of travel: Ap	ril 12-18, 2019
	u Dhabi, United Arab Emirates (with one day of site visits in Dubai, UAE)
	enate invitees: Please see attached Senate staff invite list.
	p fits one of the following categories:
(A) The spons employ register	or(s) are not registered lobbyists or agents of a foreign principal and do not retain or red lobbyists or agents of a foreign principal and no lobbyist or agents of a foreign ecompany the Member, officer, or employee at any point throughout the trip.
employ one or:	or or sponsors are not registered lobbyists or agents of a foreign principal, but retain of more registered lobbyists or agents of a foreign principal and the trip meets the f Senate Rule 35.2(a)(2)(A)(i) or (ii) (see question 9).
I certify that the principal.	e trip will not be financed in any part by a registered lobbyist or agent of a foreign
or indirectly for	e sponsor or sponsors will not accept funds or in-kind contributions earmarked direct the purpose of financing this specific trip from a registered lobbyist or agent of a al or from a private entity that retains or employs one or more registered lobbyists or
I certify that:	
The trip will no agent of a foreign	of in any part be planned, organized, requested, or arranged by a registered lobbyist of gn principal except for de minimis lobbyist involvement.
The traveler wi	Il not be accompanied on the trip by a registered lobbyist or agent of a foreign princided for by Committee regulations relating to lobbyist accompaniment (see question of

9.	USE ONLY IF YOU CHECKED QUESTION 6(B)  I certify that if the sponsor or sponsors retain or employ one or more registered lobbyists or agents of a foreign principal, one of the following scenarios applies:
	(A) The trip is for attendance or participation in a one-day event (exclusive of travel time and one overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip.
	(B) The trip is for attendance or participation in a one-day event (exclusive of travel time and two overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip (see questions 6 and 10).
	(C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip.
10.	USE ONLY IF YOU CHECKED QUESTION 9(B) If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:
11.	An itinerary for the trip is attached to this form. I certify that the attached itinerary is a detailed (hourby-hour), complete, and final itinerary for the trip.
12.	Briefly describe the role of each sponsor in organizing and conducting the trip:  Please see addendum.
13.	Briefly describe the stated mission of each sponsor and how the purpose of the trip relates to that mission:  Please see addendum.
14.	Briefly describe each sponsor's prior history of sponsoring congressional trips:
	ClearPath has previously sponsored a staff trip to the DOE's Idaho National Labratory. Over the past
	decade, the Atlantic Council has sponsored various trips across the world for relevant policymakers and
	staff. Last October, ClearPath and the Atlantic Council jointly sponsored a similar UAE trip.

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Total Expenses for Ea	ach Participant:			
<u> </u>			<del></del>	1
	Transportation	Lodging	Meal	Other
	Expenses	Expenses	Expenses	Expense
	Total: \$930.00	\$1025.00 (Five Nights)	\$850.00	None
	(Coach Bus: \$130.00			
п	Flight: \$800.00)			
Amounts				
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21.	Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:			
	Lodging and meal estimates are less than the maximum lodging rate and M&I.			
	• • • • • • • • • • • • • • • • • • •			
22.	Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:			
	Round trip coach flight on Etihad Airways.			
	Coach bus for transportation domestically within the UAE.			
23.	I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities, alcohol, or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35).			
24.	List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event:			
	None.			
25.	I hereby certify that the information contained herein is true, complete and correct. (For trips involving more than one sponsor, you must include a completed signature page for each additional sponsor):  Signature of Travel Sponsor:			
	Signature of Travel Sponsor:  Name and Title:  Jeremy Harrell  Name and Title:			
	Name of Organization: ClearPath, Inc.			
	Address: 611 Maryland Ave NE, Washington, DC 20002			
	Telephone Number: (513) 403-4620			
	Fax Number: N/A			
	E-mail Address: harrell@clearpath.org			

#### PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

#### SIGNATURE PAGE FOR ADDITIONAL SPONSOR

(to be completed by each additional sponsor)

I hereby certify that the information contained on pages 1-4 of the certification form and any	y
accompanying addenda, all submitted in connection with the April 12-18, 2019  Dates of Travel (Month Day, Year)  is true, complete, and correct.  Place of Travel  Place of Travel	_ trip
Signature of Travel Sponsor: Julie Varduse	
Name and Title: Attle Varghese, Chief Administrative Officer	
Name of Organization: The Atlantic Council	
Address: 1030 15th Street, NW, 12th Floor Washington, DC 20005 USA	
Telephone Number: 202.778.4952	
Fax Number: 202.463.7241	
E-mail Address:	

#### Addendum:

- 12. Together, ClearPath, Inc and the Atlantic Council have developed a five-day agenda for this congressional staff trip. Both organizations will sponsor the traveler's airfare, hotel accommodations, meals, and transportation. Additionally, both organization have collaborated on the organization of the trip, scheduling government and private sector meetings, and executing the agenda. The Atlantic Council has spearheaded the efforts to secure the public sector meetings and engage the appropriate Emirate leadership to do so, given the organization's previous work in the region.
- 13. ClearPath, Inc is a 501(c)3 nonprofit organization dedicated to accelerate conservative clean energy solutions by working with policy makers and industry. The Atlantic Council is a registered 501(c)(3) nonprofit organization and promotes constructive U.S. leadership and engagement in international affairs based on the central role of the Atlantic community in meeting current international challenges. The Atlantic Council's Global Energy Center specifically promotes energy security by working alongside government, industry, civil society, and public stakeholders to devise pragmatic solutions to the geopolitical, sustainability, and economic challenges of the changing global energy landscape.

Consistent with their missions, ClearPath, Inc and the Atlantic Council wish to provide an educational tour and briefings for congressional staff that highlight state of the art technologies under construction or recently placed in service in the United Arab Emirates and the lessens that could be learned from their commercialization. For example, the Abu Dhabi CCS is the world's first fully commercial CCS facility in the iron and steel industry. This is a unique opportunity to see this work first-hand, and take lessons learned as the U.S. work to develop commercially viable clean energy technologies.

15. It is important to note that ClearPath, Inc regularly provides speakers and experts as panelists and speakers for public forums and briefings on energy, nuclear energy, carbon capture, R&D, US competitiveness, and other topics. Through its diverse networks, the Atlantic Council builds broad constituencies to support constructive U.S. leadership and policies. The Global Energy Center, along with the other 10 program and centers within the Atlantic Council, publishes analyses, convenes conference among current and/or future leaders, and contribute to the public debate in order to integrate the views of knowledgeable individuals from a variety of backgrounds, interests, and experiences.

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Senate			
	Senate Energy and Natural		
Brian Hughes	Resources Committee	Staff Director	brian_hughes@energy.senate.gov
	Senate Energy and Natural		
Jed Dearborn	Resources Committee	Professional Staff Member	jed_dearborn@energy.senate.gov
Frey McKenzie	Senator Roy Blunt	Legislative Assistant	trey_mckenzie@blunt.senate.gov
Corey Brown	Senator Thom Tillis	Legislative Assistant	corey_brown@tillis.senate.gov
Kate Juelis	Senator John Barrasso	Energy Counsel	Kate Juelis@Barrasso.senate.gov
Sarah Peery	Senator Rob Portman	Legislative Assistant	sarah_peery@portman.senate.gov
Adrian Deveny	Minority Leader Chuck Schumer	Climate and Energy Advisor	adrian_deveny@schumer.senate.gov
	Senate Energy and Natural		
Luke Bassett	Resources Committee	Professional Staff Member	luke_bassett@energy.senate.gov
	Senate Environment and Public	Senior Policy Advisor for Clean	
Laura Gillam	Works Committee	Air and Climate	laura_gillam@epw.senate.gov
Adam Zipkin	Senator Cory Booker	Counsel	adam_zipkin@booker.senate.gov
		Energy & Environment Policy	
Leah Rubin Shen	Senator Christopher Coons	Advisor	Leah_RubinShen@coons.senate.gov
Dan Alpert	Senator Martin Heinrich	Legislative Assistant	dan_alpert@heinrich.senate.gov



### CLEARPATH

#### GLOBAL ENERGY CENTER

#### UNITED ARAB EMIRATES ENERGY STUDY TRIP APRIL 12-18, 2019 • ABU DHABI • UNITED ARAB EMIRATES AGENDA

#### Friday, April 12

9:50 p.m. Flight departure

Location: Washington Dulles International Airport

Flight number: EY 130 Airline: Etihad Airways

#### Saturday, April 13

7:00 p.m. Arrival in Abu Dhabi, United Arab Emirates

Location: Abu Dhabi International Airport

7:45 – 8:30 p.m. Travel time from airport to hotel

St. Regis Abu Dhabi Nation Tower, Corniche

P.O. Box 60476 Abu Dhabi

United Arab Emirates

9:00 – 10:30 p.m. Welcome Dinner and Briefing: State of the United Arab Emirates from a US

**Perspective** 

Location: Villa Toscana at the St. Regis, Abu Dhabi

Briefers:

William Nash, Managing Partner, Abu Dhabi and Co-Leader, Middle East,

Morgan, Lewis & Bockius LLP

Staffers will receive an overview of the United Arab Emirates, serving to help familiarize them with relevant information. This will serve as part of their foundational understanding of the country and provide an opportunity to gain topical knowledge in preparation for the following days. Bill has lived in the UAE

for many years, knows the politics as well as the energy sector well.

#### Sunday, April 14 (Abu Dhabi and Dubai)

7:00 - 8:00 a.m. Breakfast

Location: The Terrace on the Corniche at the St. Regis

8:00 – 10:00 a.m. Travel time to Ministry of Climate Change and Environment in Dubai

10:00 – 11:00 a.m. Meet with Ministry of Climate Change and Environment

Location: Dubai Al Ruwayyah 2 Area Beside Zayed University, Dubai – AlAin Road,

Dubai

Briefer:

H.E. Dr. Thani bin Ahmed Al Zeyoudi, Minister of Climate Change and

Environment, United Arab Emirates

The current Ministry of Climate Change and Environment was begun in 2016 when the role of the Ministry of Environment and Water was expanded to manage all aspects related to international and domestic climate change affairs. This ministry has its beginnings, though, in 1975 with the Supreme Committee for Environment. Under the leadership of H.E. Dr. Thani bin Ahmed Al Zeyoudi, the ministry is working towards a more sustainable future for the UAE and monitors climate change issues, as well as developing plans, strategies, and policies regarding the environment and agriculture.

11:00 – 1:00 p.m. Travel time to Masdar City

1:00 - 1:45 p.m. Lunch

Location: Jim's Restaurant, Masdar City

2:00 – 2:30 p.m. Meeting with Masdar CEO

Location: Masdar, Masdar City, Abu Dhabi

Briefer:

Mohamed Al Ramahi, Chief Executive Officer, Masdar

Prior to touring Masdar City, the staffers will have the opportunity to sit down with Mr. Al Ramahi, the CEO of Masdar since 2016. Mr. Al Ramahi leads the strategic development of Abu Dhabi Future Energy Company (Masdar), today a leading global commercial enterprise in renewable energy and clean technologies. He has played an instrumental role in the company's emergence over the last decade, both as a catalyst for renewable energy in the Arab world and as an early adopter of advanced clean technologies at scale in key international markets.

2:30 – 3:30 p.m. Bus tour of Masdar City to view upcoming projects

Location: Masdar City

Briefer:

Michelle Sabti, Stakeholder Relations, Masdar

Construction began on Masdar City in 2008 in order to build a completely sustainable city, juxtaposing urban planning with green technologies. It aims to advance the development and adoption of commercially viable solutions in renewable energy and sustainable real estate that address the sustainability challenges of the UAE, the Middle East and international markets. Masdar City implements an array of cutting-edge technologies to meet sustainability goals.

This will allow staffers to see new initiatives Masdar City will begin implanting. Masdar City utilizes a variety of new technologies in order to promote sustainability and clean energy goals.

3:30 - 4:00 p.m.

Site visit: Seawater Energy and Agriculture System at Masdar City

Location: Masdar City

Briefer:

Michelle Sabti, Stakeholder Relations, Masdar

The UAE is a place where water scarcity is prevalent, and food security is of utmost importance. The Seawater Energy and Agriculture System is the flagship project of the Sustainable Bioenergy Research Consortium and combines an integrated system of aquaculture and agriculture to produce sustainable biofuels for aviation and other byproducts such as seafood. Seawater is pumped in to aquaculture ponds containing shrimp and fish. Nutrient rich water from the ponds is then used to irrigate fields of Salicornia, a halophytic (salt-loving) crop, which produces oilseeds, used in biofuels. The effluent from the fields is then channeled into a mangrove swamp, where the water is naturally filtered before reaching the sea.

4:00 - 4:30 p.m.

Travel time to the U.S. Embassy

4:30 - 6:00 p.m.

Briefing with US Embassy Abu Dhabi

Briefer:

Steven C. Bondy, Chargé d'Affaires, US Embassy Abu Dhabi

Staffers will hear about contemporary issues in the UAE from the perspective of the US embassy in Abu Dhabi. This dinner will provide staffers with the opportunity to get a sense of both political and economic concerns in the UAE.

6:00 – 6:30 p.m.

Travel time to the hotel

6:30 - 8:00 p.m.

Dinner with UAE Ministry of Energy and Industry

Location: Al Mrzab Restaurant, Airport Road, behind the National Theatre, Abu Dhabi

Briefer:

H.E. Suhail Al Mazrouei, Minister of Energy and Industry, United Arab Emirates or H.E. Dr. Matar Al Neyadi, Undersecretary, Ministry of Energy and Industry, United Arab Emirates

8:00 - 8:30 p.m. Travel time to the hotel

#### Monday, April 15 (Dubai)

6:30 - 7:30 a.m. Breakfast

Location: The Terrace on the Corniche at the St. Regis

7:30 – 9:00 a.m. Travel time to Crescent Petroleum

9:00 – 11:00 a.m. Meeting with Crescent Petroleum

Location: Crescent Tower, P.O. Box 211, Corniche Al Buhaira, Sharjah

Briefer:

Majid Jafar, Chief Executive Officer, Crescent Petroleum

Crescent Petroleum is the first and largest private upstream oil and gas company in the Middle East. In 2005, Crescent played an instrumental role in establishing Dana Gas, the first publicly traded energy company in the region. Staffers will hear about the companies approach to energy innovation and have an opportunity to discuss regional energy issues.

11:00 – 1:00 p.m. Travel time back to Abu Dhabi/Bus Briefing (from 11:00 to 1:00 p.m.)

Briefers:

Jeremy Harrell, Managing Director of Policy, ClearPath Randolph Bell, Director, Global Energy Center, Atlantic Council,

Jeremy and Randy will brief staff on advanced fossil energy technologies, the role carbon capture, utilization, and storage could play in global emission reduction strategies, and recent actions by multinational oil and gas companies to invest in technologies to combat the effects of climate change.

1:00 – 2:00 p.m. Lunch

Location: Loca Restaurant & Bar Abu Dhabi

2:00 – 3:30 p.m. Briefing with Abu Dhabi Department of Energy

Location: PO Box 32800 Abu Dhabi / Al Maryah Island, Abu Dhabi Global Market Square, Al Magam Tower, 32nd & 33rd floors, Abu Dhabi

Briefer: H.E. Eng. Mohammed Bin Jarsh, *Undersecretary*, Abu Dhabi Department of

Energy

The Abu Dhabi Department of Energy was established 2018 to implement various programs, initiatives, and projects with the aim of achieving a sustainable society in Abu Dhabi. The Department of Energy is tasked with developing strategic initiatives that diversify and secure energy sources for economic, environmental.

3:30 – 7:00 p.m. Free time

7:00 – 9:00 p.m. Dinner with Executive Affairs Authority, Abu Dhabi

Location: Terrace on the Corniche, St. Regis Hotel

#### **Briefers:**

Dave Scott, Executive Director of Economic Affairs, Executive Affairs Authority, Abu Dhabi

Established in 2006, the Executive Affairs Authority (EAA) is a specialized government agency mandated to provide strategic policy advice to the chairman of the Abu Dhabi Executive Council, H.H. Sheikh Mohamed bin Zayed Al Nahyan. The EAA works to formulate, incubate, and implement strategic policy, where required, across all portfolios of government, on behalf of the Chairman of the Executive Council of Abu Dhabi, in order to realize Abu Dhabi's vision of a secure society and a dynamic open economy.

#### Tuesday, April 16

7:30 – 8:30 a.m. Breakfast

Location: The Terrace on the Corniche at the St. Regis

8:30 – 8:45 a.m. Walk to ADNOC

9:00 - 10:30 a.m. Briefing from Abu Dhabi National Oil Company's Panorama Data Analytics

Suite

Location: ADNOC Headquarters, PO Box 898, Abu Dhabi

Briefer:

Abdul Nasser Al Mughairbi, Senior Vice President, Digital, ADNOC Group

The Abu Dhabi National Oil Company (ADNOC) is one of the world's largest oil companies, with subsidiaries across the entire hydrocarbon value chain. ADNOC is working to become more integrated to ensure a more sustainable and economical oil and gas supply. This is being aided by the Panorama Data Analytics Suite. ADNOC's Panorama Digital Command Center draws from a massive set of data points across the company, from the upstream to the downstream and global distribution network, to provide a single access point to ADNOC's real time performance. Using smart analytical models and, increasingly, leveraging advanced Al platforms, it uses big data to generate operational insights and

recommend new, integrated pathways to optimize and enhance performance and create additional value.

10:30 – 11:30 a.m. Travel time to Al Reyadah

## 11:30 a.m. – 1:00 p.m. Site Visit: Al Reyadah – Carbon Capture, Usage, and Sequestration Company

Location: Al Reyadah, Abu Dhabi

This project is currently operating by capturing carbon dioxide from the flue gas of an Emirates Steel production facility and then using this carbon dioxide in enhanced oil recovery (EOR) at a nearby oil field. The main objectives of the project are to reduce the carbon footprint of the United Arab Emirates, implement EOR in subsurface oil reservoirs, and free up natural gas that would have been used for oil field pressure maintenance. The Al Reyadah project captures, transports, and injects just under 900,000 tons of carbon dioxide per year.

1:00 - 2:00 p.m. Travel time to Emirates Global Aluminium

#### 2:00 – 3:00 p.m. Meet with Emirates Global Aluminium

Location: Kizad A3, Al Taweelah - Abu Dhabi - United Arab Emirates

#### Briefer:

Abdulla Jassem bin Kalban, Managing Director and Chief Executive Officer, Emirates Global Aluminium

Emirates Global Aluminium (EGA) is the world's largest 'premium aluminium' producer and is the biggest UAE exporter outside of the oil and gas industry, producing 4 percent of the world's aluminum. EGA began in the 1970s when the UAE was exporting no aluminum and has transformed the industry to be a major player in the aluminum market. EGA currently operates smelters in Abu Dhabi and Dubai and is developing an alumina refinery in the UAE and a bauxite mine and export facility in the Republic of Guinea.

#### 3:00 – 5:00 p.m. Site visit: Emirates Global Aluminium industrial plant

The EGA plant at Jebel Ali was built in 1976 and was the first aluminum smelter to be built in the UAE and the second in the region. When production began in 1979, the production capacity was 135,000 metric tons, but after eight expansions, this has increased to over one million metric tons of aluminum per year. This plant is capable of producing a range of purities of aluminum and can go as high as 99.96 percent, which makes aluminum for specialist aviation and electronics.

5:00 – 7:00p.m. Free Time

7:00 – 9:00 p.m. Dinner

Location: Four Seasons Hotel

9:00 - 9:30 p.m. Travel time to hotel

#### Wednesday, April 17

7:30 - 8:30 a.m. Breakfast

Location: The Terrace on the Corniche at the St. Regis

8:30 – 11:30 a.m. Travel time/Bus Briefing on Nuclear Power (Briefing from 9:30 to 11:00

a.m.)

Briefers:

Richard Powell, Executive Director, ClearPath

Randolph Bell, Director, Global Energy Center, Atlantic Council

Staffers will receive an overview of global nuclear civilian energy efforts, the role the International Energy Agency (IEA) has forecasted for nuclear technologies in the future electricity grid, and other recent power sector emission reduction modeling.

#### 11:30 a.m. - 12:00 p.m. Meeting with Emirates Nuclear Energy Corporation

Location: Barakah Nuclear Power Plant

Briefers:

Mohamed Al Hammadi, Chief Executive Officer, Emirates Nuclear Energy Corporation

Mark Reddemann, Chief Executive Officer, Nawah Energy Company Nasser Al Nasseri, Chief Executive Officer, Barakah One Company

Founded in 2009, the Emirates Nuclear Energy Corporation (ENEC) is responsible for the implementation of the UAE's nuclear energy program. The move to pursue a nuclear program was in part due to the sustainability goals outlined under the Abu Dhabi Economic Vision 2030. ENEC's main priority is to deliver safe, clean, efficient, and reliable nuclear energy to the UAE grid in order to establish a more diversified power mix and provide a lower carbon emissions alternative to burning oil or gas. The short-term goal is to get the Barakah nuclear facility operational, at which point, ENEC will turn to focusing on operations at Barakah, while developing plans to expand nuclear operations to other locations.

12:00 – 1:00 p.m.

**Nuclear Briefing Presentation** 

Location: Barakah Nuclear Power Plant

Briefer:

Ali Al Nuaimi, Senior Reactor Operator, Emirates Nuclear Energy Corporation

Staffers will receive a briefing on the APR-1400s nuclear reactors, an advanced pressurized water nuclear reactor designed by the Korea Electric Power

Corporation (KEPCO). The four reactors being constructed at Barakah will ultimately meet nearly 25 percent of the country's electricity needs.

1:00 – 2:00 p.m. Site Visit: Barakah Nuclear Power Plant

Location: Barakah Nuclear Power Plant

Briefer:

Hasan Al Shemeili, Nuclear Performance Improvement Manager, Nawah

Energy Company

Barakah is the first nuclear site under construction in the UAE, designed with four APR1400 nuclear reactors to produce 5.6 GW of energy when all reactors are operational. The Korea Electric Power Corporation won the bid to design and build the facility, and construction on Unit 1 began in 2012 and is set to come online at the end of 2019 or beginning of 2020 after several delays. Unit 1 was finished in mid-2018 and the other three units are nearing completion. Units 1 and 2 are set to become operational as soon as the Emirati have finished their operator training.

2:00 – 3:00 p.m. Lunch

Location: Barakah

3:00 – 6:00 p.m. Travel time to Abu Dhabi

7:00 - 9:00 p.m. Dinner with ACWA Power

Location: Catch Restaurant, Nation Riviera Beach Club, Abu Dhabi 73085,

United Arab Emirates

Briefer:

Paddy Padmanathan, President and CEO, ACWA Power

A private sector company based in Saudi Arabia that operates in ten countries, ACWA primarily works in power generation and desalinated water production plants. Staffers will be able to discuss issues from a non-governmental perspective.

#### Thursday, April 18

10:30 a.m. Flight departure

Location: Abu Dhabi International Airport

Flight number: EY 131 Airline: Etihad Airways

4:40 p.m. Flight arrival

Location: Washington Dulles International Airport

#### EMPLOYEE PRE-TRAVEL AUTHORIZATION

Pre-Travel Filing Instructions: Complete and submit this form at least 30 days prior to the travel departure date to the Select Committee on Ethics in SH-220. Incomplete and late travel submissions will not be considered or approved. This form must be typed and is available as a fillable PDF on the Committee's website at ethics.senate.gov. Retain a copy of your entire pre-travel submission for your required post-travel disclosure.

Name of Traveler:	Kate Juelis
Employing Office/Committee:	Senator John Barrasso, M.D.
Private Sponsor(s) (list all): Clearpath, I	nc. and The Atlantic Council
Travel date(s): April 12-18, 2019  Note: If you plan to extend the trip	o for any reason you <u>must</u> notify the Committee.
Destination(s): Abu Dhabi and Dubai,	
Explain how this trip is specifically connec	cted to the traveler's official or representational duties:
	y portfolio contains energy production, transmission, and delivery issues. I also research a gas emissions. This trip includes visits to a variety of energy facilities. I would greatly by from a new perspective.
	b. I. / A
Name of accompanying family member (if Relationship to Employee: Spouse	
I certify that the information contained in t	his form is true, complete and correct to the best of my knowledge:
March 13, 2019 (Date)	Kate Onelis (Signature of Employee)
TO BE COMPLETED BY SUPERVISING SE Secretary for the Majority, Secretary for the Mi	NATOR/OFFICER (President of the Senate, Secretary of the Senate, Sergeant at Arms, inority, and Chaplain):
1, Sunator John Barra	a SSO hereby authorize  Kate Juelis
(Print Senator's/Officer's Name)	(Print Traveler's Name)
related expenses for travel to the event desc	to accept payment or reimbursement for necessary transportation, lodging, and cribed above. I have determined that this travel is in connection with his or her lder, and will not create the appearance that he or she is using public office for
I have also determined that the attendance of	of the employee's spouse or child is appropriate to assist in the representation
of the Senate. (signify "yes" by checking box)	
3/13/19	John Barrasso
(Date)	(Signature of Supervising Senator/Officer)
(Revised 10/19/15)	Form RE-1

Kate Juelis